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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/588,567-Conf. # 8310
Sheet	1	of	2	Filing Date	August 4, 2006
				First Named Inventor	Rebecca Fitzgerald
				Art Unit	1614
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	30699/42218

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
B1		WO-98/08546	03-05-1998	Chambon <i>et al.</i>	
B2		WO-91/11172	08-08-1991	Stella <i>et al.</i>	
B3		WO-02/098398	12-12-2002	Barth <i>et al.</i>	
B4		WO-98/55148	12-10-1998	Vadecruys <i>et al.</i>	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		Kubota <i>et al.</i> , "Retinoid X receptor alpha and retinoic acid receptor gamma mediate expression of genes encoding tight-junction proteins and barrier function in F9 cells during visceral endodermal differentiation," <i>Exp. Cell Res.</i> , 263:163-172 (2001)			
		Multer <i>et al.</i> , "Retinoic acid and N-(4-hydroxy-phenyl) retinamide suppress growth of esophageal squamous carcinoma cell lines.,," <i>Cancer Lett.</i> , 113(1-2):95-101 (1997) (ABSTRACT ONLY)			
		Niederreither <i>et al.</i> , "Genetic evidence that oxidative derivatives of retinoic acid are not involved in retinoid signaling during mouse development," <i>Nat. Genet.</i> , 31:84-88 (2002) (ABSTRACT ONLY)			
		Sampliner <i>et al.</i> , "A Phase II Trial of 13-CIS Retinoic Acid (Isotretinoin) in Barrett's Esophagus", <i>Gastroenterology</i> , 94(4):A396 (1988) (ABSTRACT ONLY)			
		Garewal <i>et al.</i> , "Effect of Potential Differentiating Agents on the Growth of Barrett's Esophagus-Derived Epithelial Cell Cultures", <i>Clinical Research</i> , 36(1):131A (1988) (ABSTRACT ONLY)			
		Lord <i>et al.</i> , "Retinoic acid receptor-alpha messenger RNA expression is increased and retinoic acid receptor-gamma expression is decreased in Barrett's intestinal metaplasia, dysplasia, adenocarcinoma sequence," <i>Surgery</i> , 129:267-276 (2001)			
		Garewal <i>et al.</i> , "Chemopreventive studies in Barrett's esophagus: a model premalignant lesion for esophageal adenocarcinoma," <i>J. Natl. Cancer Inst. Monogr.</i> , 13:51-54 (1992)			
		Tsai <i>et al.</i> , "Retinoic Acid Receptor Expression in Barrett's Esophagus and Barrett's Associated Adenocarcinomas", <i>Proc. Am. Assoc. Cancer Res. Annual Meeting</i> , 40:309 (1999) (ABSTRACT ONLY)			
		Garewal <i>et al.</i> , "Studies on Barrett's Esophagus a Unique Metaplastic Premalignant Lesion for Adenocarcinoma", <i>Preventive Medicine</i> , 17(2):244 (1988) (ABSTRACT ONLY)			
		Jetten <i>et al.</i> , "Retinoic acid and substratum regulate the differentiation of rabbit tracheal			

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	epithelial cells into squamous and secretory phenotype. Morphological and biochemical characterization," <i>Laboratory Investigation</i> , 56(6):654-664 (1987)
	Shindoh <i>et al.</i> , "Prevention of carcinoma in situ of human papillomavirus type 16-immortalized human endocervical cells by retinoic acid in organotypic raft culture," <i>Obstet. Gynecol.</i> , 85:721-728 (1995)
	Darwiche <i>et al.</i> , "Specificity of retinoid receptor gene expression in mouse cervical epithelia," <i>Endocrinology</i> , 134:2018-2025 (1994)
	Rearick <i>et al.</i> , "Effect of substratum and retinoids upon the mucosecretory differentiation of airway epithelial cells in vitro," <i>Environmental Health Perspectives</i> , 80:229-237 (1989)
	Castonguay <i>et al.</i> , "Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells," <i>Environ. Health Perspect.</i> , 103:254-258 (1995)
	Biesalski <i>et al.</i> , "Topical application of vitamin A reverses metaplasia of rat vaginal epithelium: a rapid and efficient approach to improve mucosal barrier function," <i>Eur. J. Med. Res.</i> , 6:391-398 (2001)
	Wan <i>et al.</i> , "Synthetic retinoid CD437 induces apoptosis of esophageal squamous HET-1A cells through the caspase-3-dependent pathway," <i>Anticancer Research</i> , 21:2657-2664 (2001)
	Khuri <i>et al.</i> , "Modulation of proliferating cell nuclear antigen in the bronchial epithelium of smokers," <i>Cancer Epidemiol. Biomarkers Prev.</i> , 10:311-318 (2001)
	Varani <i>et al.</i> , "A direct comparison of pharmacologic effects of retinoids on skin cells in vitro and in vivo," <i>Skin Pharmacol.</i> , 4:254-261 (1991)
	Kikonyogo <i>et al.</i> , "Mechanism of inhibition of aldehyde dehydrogenase by citral, a retinoid antagonist," <i>Eur. J. Biochem.</i> , 262:704-712 (1999)
	White <i>et al.</i> , "Identification of the human cytochrome P450, P450RAI-2, which is predominantly expressed in the adult cerebellum and is responsible for all-trans-retinoic acid metabolism," <i>Proc. Natl. Acad. Sci. USA</i> , 97(12):6403-6408 (2000)
	Wang <i>et al.</i> , "Cloning of rat cytochrome P450RAI (CYP26) cDNA and regulation of its gene expression by all-trans-retinoic acid in vivo," <i>Arch. Biochem. Biophys.</i> , 401:235-243 (2002)
	Klaassen <i>et al.</i> , "Enhanced turnover of all-trans-retinoic acid and increased formation of polar metabolites in head and neck squamous cell carcinoma lines compared with normal oral keratinocytes," <i>Clin. Cancer Res.</i> , 7:1017-1025 (2001)
	Taimi <i>et al.</i> , "A novel human cytochrome P450, CYP26C1, involved in metabolism of 9-cis and all-trans isomers of retinoic acid," <i>J. Biol. Chem.</i> , 279(1):77-85 (2004)
	Mira-Y-Lopez <i>et al.</i> , "Retinol conversion to retinoic acid is impaired in breast cancer cell lines relative to normal cells," <i>J. Cell. Physiol.</i> , 185:302-309 (2000)
	Lampen <i>et al.</i> , "Metabolism of vitamin A and its active metabolite all-trans-retinoic acid in small intestinal enterocytes," <i>J. Pharm. Exp. Ther.</i> , 295(3):979-985 (2000)
	Schapira <i>et al.</i> , "Rational discovery of novel nuclear hormone receptor antagonists," <i>Proc. Natl. Acad. Sci. USA</i> , 97(3):1008-1013 (2000)

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